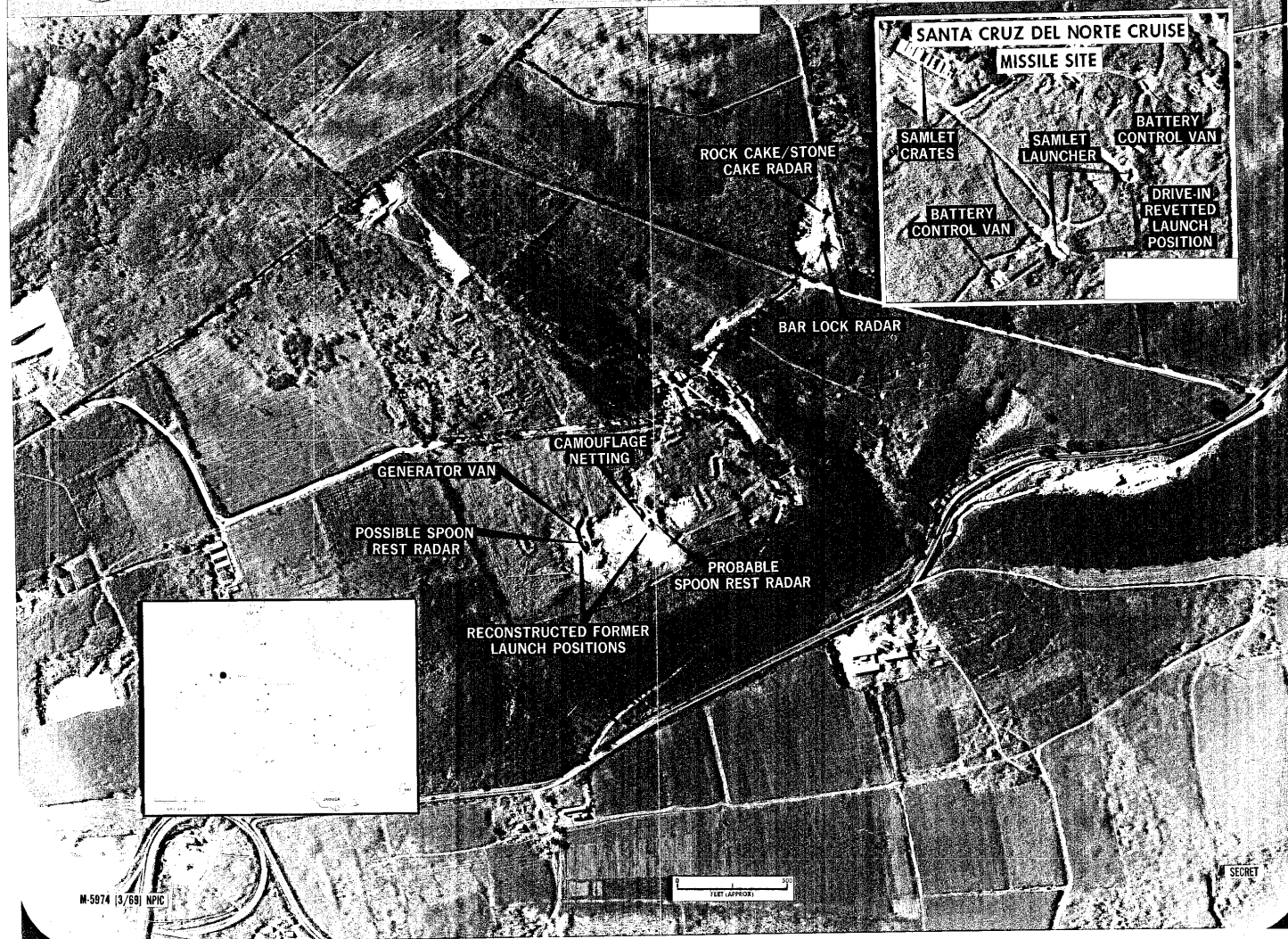




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**SANTA CRUZ DEL NORTE, CUBA**  
**23-09N 081-56W**



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Attachment to M-5974

11 March 1969

Page 1

REFERENCE

EXPANSION OF AIR WARNING FACILITIES,  
SANTA CRUZ DEL NORTE, CUBA

25X1

1. SIGNIFICANCE: CONVERSION OF CRUISE MISSILE LAUNCH REVETMENTS  
AT SANTA CRUZ DEL NORTE CRUISE MISSILE SITE TO  
ACCOMMODATE AIR WARNING RADARS.
2. LOCATION: 0.9 NM WSW OF SANTA CRUZ DEL NORTE AT  
23-09N 081-56W.
3. REMARKS: RECONSTRUCTED LAUNCH REVETMENTS AT SANTA CRUZ  
DEL NORTE CRUISE MISSILE SITE ARE OCCUPIED BY  
ONE PROBABLE AND ONE POSSIBLE SPOON REST  
ACQUISITION RADARS. THESE RADARS ARE PROBABLY  
ASSOCIATED WITH A BAR LOCK RADAR AND A ROCK  
CAKE OR STONE CAKE RADAR AT SANTA CRUZ DEL NORTE  
AW RADAR FACILITY 2 LOCATED 1,450 FT WSW. THE  
PRESENCE OF THESE RADARS IN THE SANTA CRUZ DEL  
NORTE VICINITY AUGMENTS CUBA'S AIR WARNING  
CAPABILITIES. SANTA CRUZ DEL NORTE CRUISE  
MISSILE SITE WAS ACTIVE UNTIL PHOTOGRAPHY OF  
 SHOWED IT WAS EVACUATED. PHOTOGRAPHY

25X1

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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Attachment to M-5974  
11 March 1969

Page 2

[ ] SHOWED THAT THE SITE WAS REOCCUPIED 25X1

AND IT REMAINED OPERATIONAL UNTIL PHOTOGRAPHY

[ ] SHOWED THE LAUNCH POSITIONS AND THE 25X1

GUIDANCE AREA VACATED. SINCE THAT DATE NO

MISSILES OR MISSILE-RELATED EQUIPMENT HAVE BEEN

OBSERVED. [ ] A POSSIBLE SPOON REST 25X1

RADAR WITH GENERATOR VAN WAS OBSERVED IN THE

WESTERN LAUNCH REVETMENT.

4. IMAGERY ANALYSIS:

THE TWO REVETTED LAUNCH POSITIONS AT SANTA CRUZ

DEL NORTE CRUISE MISSILE SITE HAVE BEEN RECON-

STRUCTED AND ARE NOW DRIVE THROUGH-TYPE REVETMENTS.

A PROBABLE SPOON REST RADAR AND CAMOUFLAGE

NETTING WERE OBSERVED WITHIN THE WESTERNMOST

REVETMENT, AND A POSSIBLE SPOON REST RADAR WITH

A GENERATOR VAN WERE OBSERVED WITHIN THE OTHER

REVETMENT ON NONSTEREO PHOTOGRAPHY [ ] 25X1

[ ] AND STEREO PHOTOGRAPHY [ ] 2525X1

[ ] THESE RADARS ARE PROBABLY ASSOCIATED

WITH THE RECENTLY ESTABLISHED SANTA CRUZ DEL

NORTE AIR WARNING RADAR FACILITY 2 AT 23-08-55N

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Attachment to M-5974  
11 March 1969

Page 3

081-56-35W [ ] APPROXIMATELY  
1,450 FEET WSW, WHERE A BAR LOCK RADAR AND  
A ROCK CAKE OR STONE CAKE RADAR ARE SITUATED  
ON NEWLY CONSTRUCTED MOUNDS. THESE FOUR  
RADARS WERE PROBABLY PRESENT AS EARLY AS

25X1

[ ]  
AT SANTA CRUZ DEL NORTE AIR WARNING RADAR  
FACILITY 23-08-42N 081-55-54W [ ]  
0.5 NM SE OF THE FORMER LAUNCH POSITIONS,  
RADAR WAS LAST OBSERVED [ ]  
THIS FACILITY WAS SUBSEQUENTLY VACATED AND  
MOUNDS WERE OBSERVED UNDER CONSTRUCTION THERE

25X1

25X1

25X1

[ ] THESE MOUNDS WERE  
PROBABLY COMPLETED, BUT THEY WERE UNOCCUPIED

25X1

25X1

25X1

ENLARGEMENT FACTOR 20 X

INSET 20 X

IEG/WGD

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